

generated January 2026

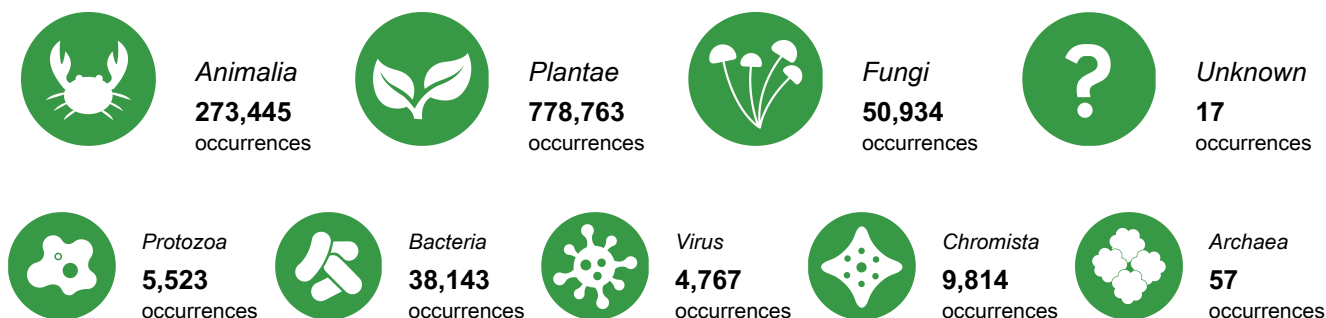
Benin

This report provides a series of summary charts, statistics and other details about the mobilization and use of open-access species data through the GBIF network, relating to users and participating institutions in Benin. These metrics show status at the time of report generation, unless otherwise noted. Taken together, the elements of this report can help guide and measure progress toward the information needs for biodiversity research, as well as for national commitments on biodiversity and sustainable development.

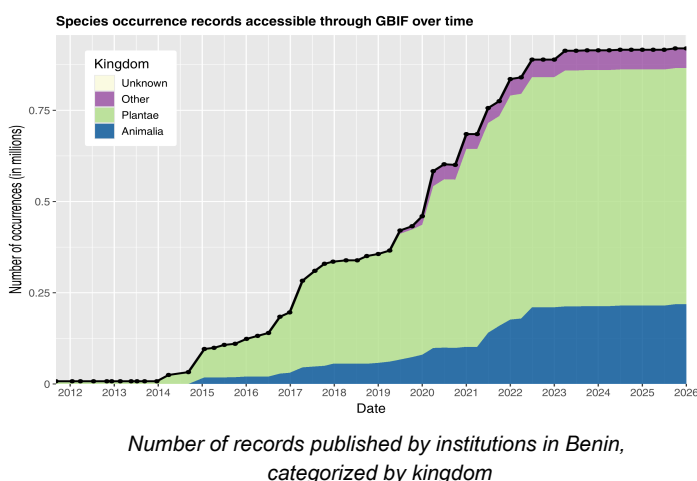
► Access and usage



► Data availability in Benin



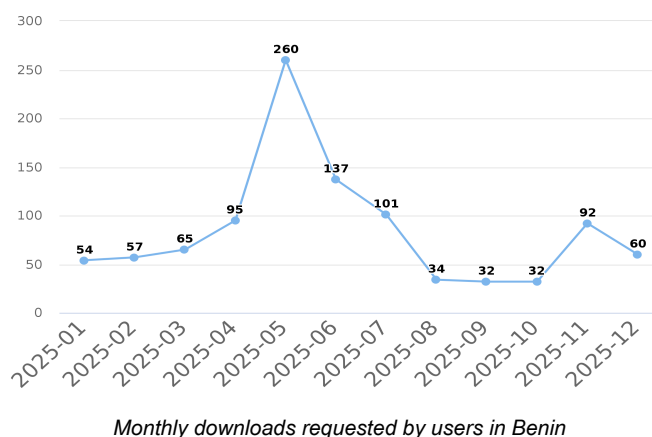
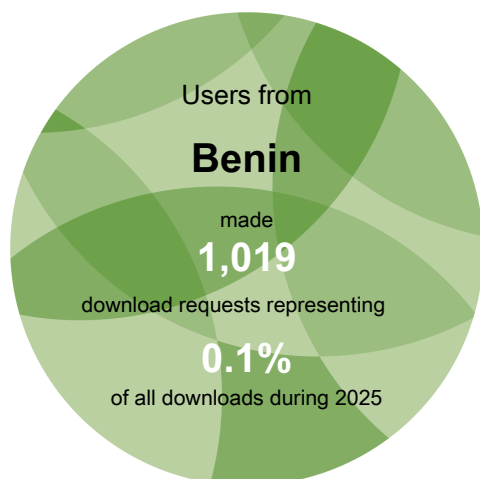
► Data mobilization





Access and usage

Data downloads on GBIF.org from users in Benin



Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Benin

The GBIF Secretariat maintains and reports on an ongoing literature tracking programme, giving priority to substantive uses of GBIF-mediated data in peer-reviewed literature while identifying the countries or areas of the authors' institutional affiliations. The citations below represent the five most recent journal articles with at least one co-author from Benin.

Those interested in assisting the Secretariat in identifying additional peer-reviewed uses of GBIF-mediated data may forward relevant citations to comms@gbif.org.

Gosling, Chevalier, Fischer *et al.* (2025) A multi-model approach to the spatial and temporal characterization of the African Humid Period. *Quaternary International*.
<https://doi.org/10.1016/j.quaint.2025.109933>

Gahounga, Tchetan, Yevide *et al.* (2025) Mapping the Ecological Niche of a Key West African Species: *Terminalia leiocarpa*. *African Journal of Ecology*.
<https://doi.org/10.1111/aje.70078>

Palanga, Bawa, Ayena *et al.* (2025) Modeling the impact of climate change on suitable areas for the underutilized crop *Cyperus esculentus* (tiger nut) and implications for production expansion and conservation in Togo, West Africa. *Discover Agriculture*.
<https://doi.org/10.1007/s44279-025-00276-7>

Rabarijaona, Yu, Tang *et al.* (2025) Phylogenomic insights into historical biogeography and species delimitation of African *Ampelocissus* (Vitaceae). *Molecular Phylogenetics and Evolution*.
<https://doi.org/10.1016/j.ympev.2025.108388>

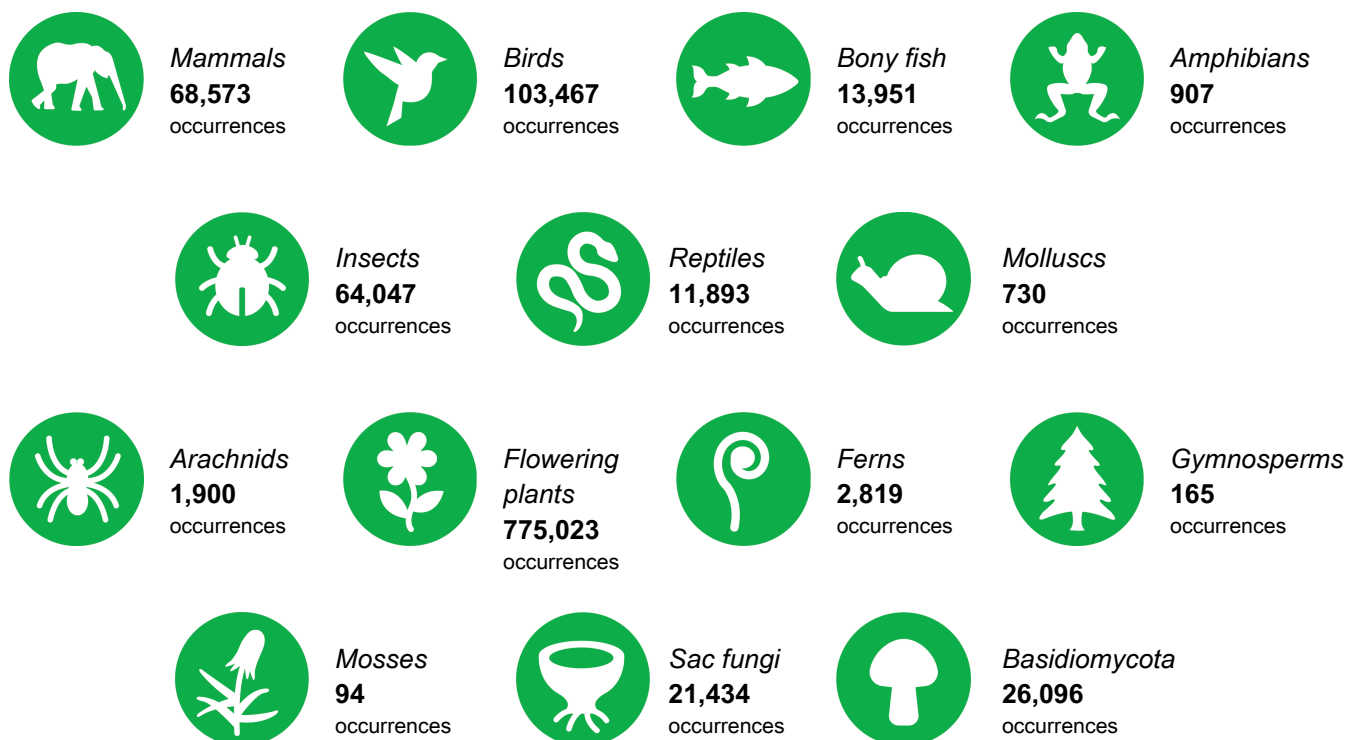
Ugege, Ukoha, Ugbogu *et al.* (2025) Data-Driven Insights Into *Vitex doniana* Distribution: A Machine Learning Approach With Selected Abiotic Features. *Cureus Journal of Computer Science*.
<https://doi.org/10.7759/s44389-025-04581-6>

See all research from this country or area
gbif.org/country/BJ/publications/from



Data availability

Total data available for selected taxonomic groups in Benin



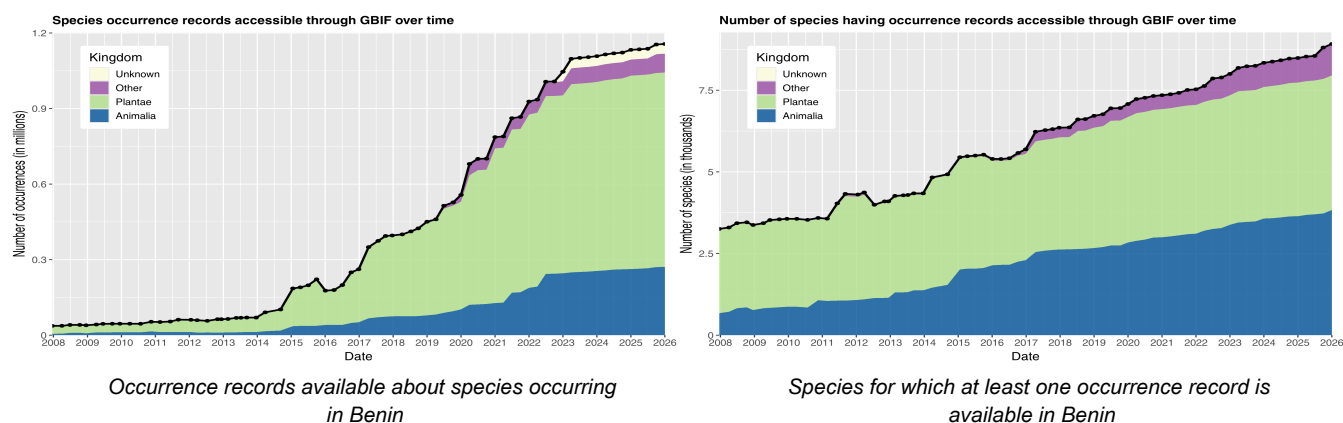
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

Insects = Class *Insecta*
Reptiles = Class *Testudines*,
Sphenodontia, *Squamata* &
Crocodylia
Molluscs = Phylum *Mollusca*

Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

Ferns = Phylum *Pteridophyta*
Mosses = Phylum *Bryophyta*
Sac fungi = Phylum *Ascomycota*
Basidiomycota = Phylum
Basidiomycota

Change over time in records about biodiversity in Benin



WHY MIGHT THE AMOUNT OF MOBILIZED DATA DECREASE?

Datasets are sometimes removed by publishers, but more often decreases in the number of records are due to the removal of duplicate records and datasets.

SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life

Most recent datasets from publishers in Benin

Project for the restoration and enhancement of mangrove ecosystems in the Ramsar 1017 site_Biosphere. *Published by BIOSPHERE*
<https://doi.org/10.15468/m5g764>

Numbering of birds and small carnivores in a wetland at Grand Popo (Benin). *Published by Benin Ecotourism Concern*
<https://doi.org/10.15468/3e7g39>

Simple plants inventory in a wetland at Grand Popo (Benin). *Published by Benin Ecotourism Concern*
<https://doi.org/10.15468/dar479>

Inventaire des espèces d'oiseaux au sein du parc naturel communautaire de la vallée de Sitatunga (sud-Bénin). *Published by CENTRE REGIONAL DE RECHERCHE ET D'EDUCATION POUR UN DEVELOPPEMENT INTEGRE (CREDI-ONG)*
<https://doi.org/10.15468/ektpb>

Forest species found in southern Benin. *Published by Faculté des Sciences et Techniques (FAST)*
<https://doi.org/10.15468/wzkdbz>

Tree species occurrences collected in the forest of Niaouli (Benin). *Published by Laboratory of Forest Sciences (University of Abomey-Calavi)*
<https://doi.org/10.15468/kvg37e>

See all datasets from this country or area: gbif.org/dataset/search?publishing_country=BJ

Newest publishers from Benin

BIOSPHERE

Benin Ecotourism Concern

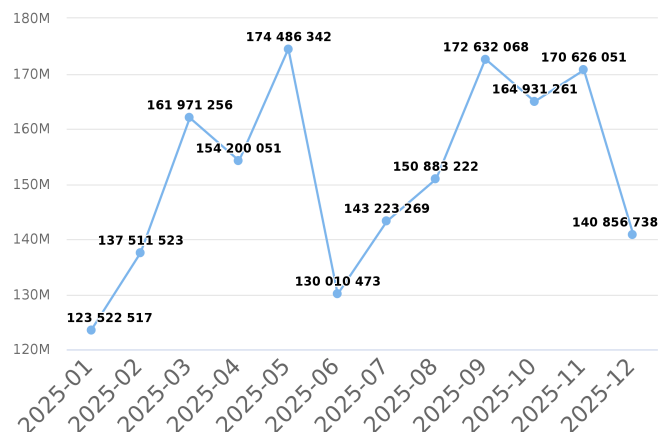
Agence Béninoise pour l'Environnement (ABE)

Coordination pour la Recherche et le Développement de l'Environnement (CORDE ONG)

Unité de Recherche en Conservation et Écologie de la Faune

See all publishers from this country or area
gbif.org/publisher/search?country=BJ

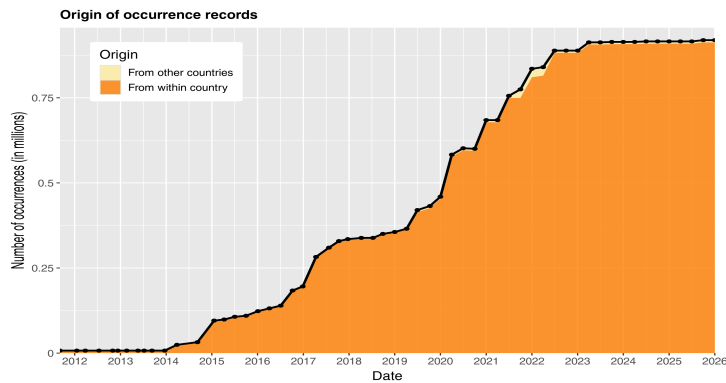
Occurrence records downloaded from GBIF.org, published by institutions in Benin



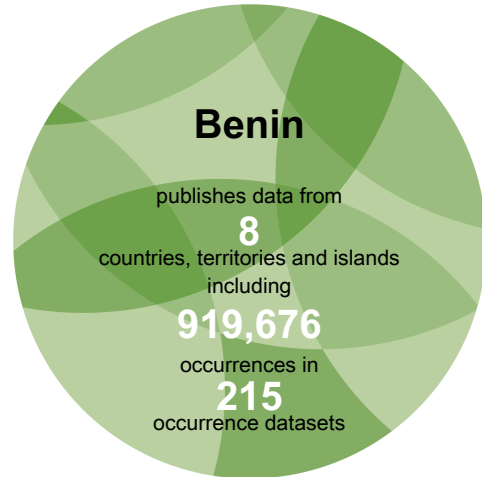
Number of occurrence records downloaded via GBIF.org published by institutions in Benin

Data mobilization

Data sharing with country or area of origin by national institutions in Benin



Data sharing with country or area of origin



The chart above shows the number of records shared over time by publishers within Benin, with separate colours for records about species occurring within undefined and those occurring elsewhere.

Top data contributors about biodiversity in Benin

Rank	Country or area	No. of occurrences
1	Benin	913,323
2	United States of America	59,192
3	Estonia	40,324
4	France	26,038
5	Togo	25,166
6	Netherlands	24,849
7	Belgium	17,563
8	Germany	11,743
9	Sweden	11,412
10	Finland	10,830

Table 1. Ranking of countries or areas contributing data about Benin

Top datasets contributing data about Benin

Census of plant species in Benin as part of several research projects. *47,925 occurrences in Benin*. (Last updated 21 Dec 2020)

The census of national forest of Benin .. *42,979 occurrences in Benin*. (Last updated 13 Aug 2018)

iNaturalist Research-grade Observations. *40,293 occurrences in Benin*. (Last updated 31 Dec 2025)

Global soil organisms. *37,259 occurrences in Benin*. (Last updated 27 Feb 2023)

Occurrences de vecteurs de maladies recensées à l'Hôpital de Mènonin. *29,559 occurrences in Benin*. (Last updated 10 Jan 2020)

See all contributing countries and areas or datasets: gbif.org/country/BJ/about



Benin participates in the following projects coordinated by GBIF

Data use to inform decisions on biodiversity conservation and public health in Benin

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-AF2020-083-USE>

Capacity building and biodiversity data mobilization for conservation and policy in Africa

BID: Biodiversity Information for Development, 2016–2018

This project to mobilize biodiversity data and identify conservation priorities is implemented by a consortium of eight African countries – Senegal, Côte-d'Ivoire, Mali, Guinea, DRC, Niger, Madagascar, and Benin.

<https://www.gbif.org/project/82750>

Mobilizing biodiversity data from the forest reserves of southern and central Benin

BID: Biodiversity Information for Development, 2016–2017

This project builds on a previous programme to map seedlings of native tree species in forest reserves in south and central Benin.

<https://www.gbif.org/project/82729>

Gathering of biodiversity data on bird species for their sustainable management in Benin

BID: Biodiversity Information for Development, 2016–2017

The project contributes to the conservation of bird species in Benin by enhancing data available on the species.

<https://www.gbif.org/project/82723>

Capacity building and biodiversity data mobilization to address health and food security priorities in Benin

BID: Biodiversity Information for Development, 2016–2018

This project enhances data mobilization capacity and promotes the use of data on medicinal plants used to treat malaria, and on multipurpose agroforestry plant species.

<https://www.gbif.org/project/82741>

Mobilization of biodiversity data on protected areas and threatened species in Benin

BID: Biodiversity Information for Development, 2016–2017

This project increases availability of data on protected areas, including from the W and Pendjari national parks of Benin, and on threatened species such as *Azelia africana*.

<https://www.gbif.org/project/82703>

Mentoring of GBIF Cameroon by GBIF Benin and GBIF France

Capacity Enhancement Support Programme, 2021–2022

<https://www.gbif.org/project/CESP2021-002>

Using the CBD Clearing-House Mechanism to strengthen biodiversity data acquisition and data sharing

Capacity Enhancement Support Programme, 2019–2020

A new content management system, Bioland Tool, could use the Convention on Biological Diversity's CHM network and infrastructure to improve biodiversity data sharing

<https://www.gbif.org/project/79ZRBGx5dNXYpR2ijHKebK>

International Living Atlases workshop

Capacity Enhancement Support Programme, 2017–2018

This project will support and strengthen the growing international community of practice around open-source software developed by the Atlas of Living Australia.

<https://www.gbif.org/project/83337>

International workshop on invasive species in the sub-Saharan area

Capacity Enhancement Support Programme, 2014–2015

This bilingual regional training event will promote knowledge exchange between biodiversity experts and establish a coordinated early warning and response network for invasive alien species across the entire sub-Saharan region (Maghreb and Sahel).

<https://www.gbif.org/project/82223>

See all GBIF projects
[gbif.org/resource/search?contentType=project](https://www.gbif.org/resource/search?contentType=project)